AMENDMENTS TO THE CLAIMS

1. (**Currently amended**) A method for producing identification marks (5) in a layer-structured paper or board (7) to be manufactured as a continuous web, ~~**characterized in that the marks (5) are made with a laser beam (4) on a moving web form fiber layer (1), on which a second layer of material (6) is overlaid in such a way that the marks remain inside the layer structure (7) of the moving web**~~ comprising:

making the marks (5), which are darker than their surroundings, by burning a surface of a first moving web (1) of fibrous material with a laser beam (4); and

bringing a second web of material (6) as a second layer onto the first moving web so that the marks (5) are embedded within a layered web as manufactured, below the second layer of material.

2.-4. (**Cancelled**)

5. (**Currently amended**) A method according to claim 1, ~~**characterized in that**~~ wherein

the second web of material (6) is a moving web, and

after making the marks (5) ~~**marking phase**~~, the first moving web ~~**fiber layer**~~ (1) is laid against the moving second web of material to form the layered web ~~**another moving, web form fiber layer (6)**~~.

6. (**Currently amended**) A method according to claim 5, ~~**characterized in that the marking takes place with a paper or board machine as**~~ further comprising a step of drying the layered web after the first moving web (1) is laid against the second moving web (6), wherein

the first moving web ~~fiber layer~~ (1) contains moisture originating from pulp~~, in which case the web (7) is dried after the joining of the layers (1, 6)~~.

7. (**Currently amended**) A method according to claim 6, ~~**characterized in that**~~ wherein the materials of the second moving web (6) is different from that of the first moving web (1) ~~fiber layers (1, 6) to be joined differ from one another~~.

8. (**Currently amended**) A method according to claim 7, ~~**characterized in that**~~ wherein one of the first and second moving webs ~~fiber layer to be joined~~ is ~~of~~ chemical pulp, and the other ~~of~~ is mechanical or chemical/mechanical pulp.

9. (**Currently amended**) A method according to claim 7, ~~**characterized in that**~~ wherein one of the first and second moving webs ~~the fiber layers to be joined~~ is ~~of~~ unbleached pulp, and the other ~~of~~ is bleached pulp.

10. (**Currently amended**) A method according to claim 1, ~~**characterized in that**~~ wherein the marked moving web ~~form fiber layer~~ (1) is applied with a coating layer**[[,]]** for covering the marks (5).

11. (Withdrawn-**currently amended**) Layer-structured paper or board (7) containing identification marks that can be manufactured with a method according to claim 1, ~~**characterized in that**~~ wherein the web form paper or board (7) contains marks (5) made with a laser beam and these marks are embedded inside the layer-structure.

12. (Withdrawn-**currently amended**) A paper or board according to claim 11, ~~**characterized in that**~~ wherein the web is rolled around a drum or core.

13. (Withdrawn-**currently amended**) A layer-structured board (7) containing identification marks that can be manufactured with a method according to claim 1, ~~**characterized in that**~~ wherein the board contains marks (5) made with a laser beam, and the marks are embedded inside the structure formed by a series of fiber layers (6, 1, 8) of the board.

14. (Withdrawn-**currently amended**) Board according to claim 13, ~~**characterized in that**~~ wherein the marks are darker figures (5) on the surface of the fiber layer (1), made by the reaction induced with a laser beam.

15. (Withdrawn-**currently amended**) Board according to claim 13, ~~**characterized in that**~~ wherein the marks are hollows (5') cut with a laser beam on the fiber layer (1) and that these hollows are filled with a different type of material present in the next fiber layer (6).

16. (Withdrawn-**currently amended**) A board according to claim 14, ~~**characterized in that**~~ wherein one of the fiber layers is of chemical pulp and the other of mechanical or chemical/mechanical pulp.

17. (Withdrawn-**currently amended**) A board according to claim 13, ~~**characterized in that**~~ wherein it is a fold-carton formed of sulfate and CTMP layers.